

Model Performance

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|-------|------|
| Model | Data |
|-------|------|

Weighted KNN model

| 5-fold CV (75%) | | Training (75%) | | Test (25%) | |
|-----------------|------|----------------|------|------------|------|
| Q2 | RMSE | R2 | RMSE | R2 | RMSE |
| 0.72 | 51.8 | 0.74 | 50.3 | 0.73 | 52.7 |

Model Results

Predicted value: 144 °C

Global applicability domain: Inside

Local applicability domain index: 5.37e-01

Confidence level: 6.18e-01

Nearest Neighbors from the Training Set

| | | |
|--|--|---|
| <div>Image not found</div> <div>Isoproturon</div> <div>Measured: 158</div> <div>Predicted: 144</div> | <div>Image not found</div> <div>Fenuron</div> <div>Measured: 134</div> <div>Predicted: 138</div> | <div>Image not found</div> <div>Allyxycarb</div> <div>Measured: 67.0</div> <div>Predicted: 82.1</div> |
| <div>Image not found</div> <div>Chlorotoluron</div> <div>Measured: 148</div> <div>Predicted: 147</div> | <div>Image not found</div> <div>Mexacarbate</div> <div>Measured: 85.0</div> <div>Predicted: 91.2</div> | |